Interprovincial Comparisons of University Financing

Eighth Report of the Tripartite Committee

on Interprovincial Comparisons

November, 1987

Ontario Ministry of Colleges and Universities
Council of Ontario Universities
Ontario Council on University Affairs

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November 24, 1987

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The eighth report of the Tripartite Committee on Interprovincial Comparisons is enclosed. This report updates the previous edition by adding one more year of data, 1984-85. The report outlines the eight indicators used to make interprovincial comparisons and provides the values of these indicators for the eleven years, 1974-75 to 1984-85. You will find some slight modifications and corrections to the data found in the Committee's previous reports. There have been no changes in the definitions since last year's report.

The Tripartite Committee would again like to thank the representatives of the other provinces involved in its work. These individuals, who are listed at the beginning of the report, were crucial in providing data for their respective provinces.

The Committee plans to continue to improve and update the report in future years.

Sincerely,

Paul Stenton
Chairman
Tripartite Committee on
Interprovincial
Comparisons

Encl.

PS/cg

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Interprovincial Comparisons of University Financing

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Interprovincial Comparisons of University Financing

The Tripartite Committee on Interprovincial Comparisons was established in 1977 to examine university financing in various provincial jurisdictions. The aim of the Committee was to develop a framework within which to make interprovincial comparisons of university financial data. The Committee addressed three specific areas:

- the indicators to be used;
- the structural differences in higher education systems which had to be considered in order to make the indicators reliable; and
- the data sources which would provide the best information.

Members of the Committee were drawn from the Ontario Council on University Affairs (OCUA), the Ministry of Colleges and Universities (MCU), and the Council of Ontario Universities (COU).

The present report, the Committee's eighth, updates the previous reports with additional data for 1984-85. It describes the approach taken by the Committee, the financial indicators chosen, and the values of these indicators for the eleven-year period, 1974-75 to 1984-85. Because of revisions to some of the data, the present report replaces all previous reports.

Indicators

The Committee focused on three major questions: how much financial support is provided to universities; how does university financing fit into each government's priorities; and what proportion of provincial resources is directed towards university financing? Eight specific indicators were selected as the most useful in answering these questions:

1) Provincial operating grants per full-time equivalent (FTE) student;

2) Provincial operating grants per capita;

3) Provincial operating grants plus student aid per capita;

4) Provincial operating grants plus fees per FTE student;

5) Total operating income per FTE student;

6) Provincial operating grants plus student aid as a percentage of provincial gross general (government) expenditure;

7) Provincial operatiang grants per $1,000 of provincial personal income; and

8) Total university operating expenditure as a percentage of provincial gross domestic product.

The first indicator represents the level of funding provided by provincial governments, on a per FTE student basis, both to institutions within the province and to institutions outside the province. In the latter case the government of one province provides funds to an institution located in another province, to support the training of students originating in the province but enrolled in special programs in institutions located outside the province's boundaries. Indicator Two measures the various provincial governments' support for universities, within or outside the province, per capita of provincial population.

Indicator Three compares, on a per capita basis, total provincial government support of university education, regardless of whether the funds go to the universities in the form of operating grants or to students in the form of student aid.

The fourth and fifth indicators are based only on the revenues of institutions within the province. The fourth indicator allows for comparisons between provinces, on a per FTE student basis, of the two major sources of university

income - provincial operating grants and student fees. In many provinces the provincial government exercises control not only over the level of operating grants but also over student fee rates. The fifth indicator adds in all other university operating income and shows, on a per FTE student basis, operating support from all sources received by institutions within each jurisdiction.

Indicator Six shows each province's percentage of its government's expenditures directed towards university education in the form of provincial operating grants and student aid. Provincial government expenditures are represented by the measure of Gross General Expenditure, developed by Statistics Canada to make provincial government financial data comparable among provinces.

The seventh and eighth indicators recognize that all provinces do not have an equal ability to pay for a university education for their citizens. The seventh indicator measures the ability of provinces to support their universities based on the level of personal income in each of the provinces. The eighth indicator measures the share of provincial economic activity, Provincial Gross Domestic Product (GDP), attributable to university expenditures.

Other useful indicators, which may address other questions, may be constructed with the raw data found in Appendix B.

Structural Problems

A major obstacle encountered in the development of interprovincial indicators is the different structures of postsecondary education which exist in the various provinces. These include college transfer programs offered in community colleges in Alberta and British Columbia, the colleges d'enseignement general et professionel (CEGEPs) in Quebec, church-related colleges in Manitoba, Saskatchewan and Ontario, and specialized institutions such as Ryerson

Polytechnical Institute. To obtain as much consistency as possible among jurisdictions, a portion of the community college system's data was added to the university information for Alberta, British Columbia and Quebec.

Data Definitions and Sources

The Committee has tried to minimize any remaining discrepancies through the set of guidelines and definitions outlined in Appendix A. The definitions conform as closely as possible to those used in the majority of provinces and are consistent with existing definitions established by Statistics Canada and the Canadian Association of University Business Officers (CAUBO).

INDICATOR 1 - PROVINCIAL OPERATING GRANTS PER STUDENT

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	2,955.40	3,489.69	3,954.54	4,418.53	4,914.50	5,211.90	5,538.37	6,228.95	6,204.88	5,885.95	5,864.97
Alberta	3,344.80	4,052.91	4,358.39	4,797.26	5,340.34	5,814.51	6,284.50	6,811.75	7,328.40	7,182.33	7,088.86
Saskatchewan	2,976.68	3,410.23	3,767.36	4,107.69	4,616.38	5,097.90	5,303.85	5,619.08	6,149.10	6,074.67	6,236.73
Manitoba	2,594.60	3,015.67	3,452.50	3,873.88	4,123.66	4,770.83	4,499.30	5,062.45	5,361.53	5,582.07	5,704.62
Ontario	2,689.91	2,913.06	3,264.81	3,669.16	4,001.94	4,139.66	4,273.00	4,475.18	4,820.87	5,000.47	5,179.54
Quebec	3,057.29	3,751.68	4,078.58	4,449.41	4,657.05	5,299.45	5,934.99	6,176.34	5,915.45	5,712.63	5,728.59
New Brunswick	2,723.72	3,002.90	3,444.99	3,904.80	4,363.64	4,762.27	4,929.36	4,998.22	5,269.68	5,175.00	5,494.65
Nova Scotia	2,430.59	2,835.72	3,232.94	3,497.05	3,818.76	4,074.20	4,378.63	4,907.57	5,079.13	5,154.43	5,360.08
P.E.I.	2,413.72	2,589.42	2,973.75	3,030.10	3,544.23	4,246.25	4,440.86	4,719.64	5,022.65	5,088.58	5,282.60
Newfoundland	3,078.96	3,809.35	4,157.44	4,624.91	5,485.42	5,993.67	5,683.74	5,847.28	6,911.51	7,787.63	6,994.26
Canada	2,864.53	3,313.45	3,677.54	4,087.45	4,444.47	4,828.20	5,140.88	5,461.08	5,619.99	5,610.25	5,690.37

Note: Interprovincial transfer students and funds are included in the figures of the province from which they originated. Therefore, the above figures are calculated by dividing the "Net Total Operating Grants" by the "Net Total Enrolment" figures found in Appendix B.

INDICATOR 2 - PROVINCIAL OPERATING GRANTS PER CAPITA

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	53.54	66.93	76.35	84.21	92.18	95.32	102.07	116.04	123.01	119.88	113.91
Alberta	71.65	90.52	96.79	104.30	110.04	112.66	117.62	131.63	155.87	166.02	174.67
Saskatchewan	55.99	67.47	75.39	80.76	87.50	93.60	99.51	112.16	123.29	128.51	132.48
Manitoba	58.05	68.81	79.17	88.18	88.64	100.01	100.70	114.66	133.50	146.99	148.27
Ontario	57.33	65.89	74.72	80.19	83.60	86.61	92.13	100.41	112.79	117.95	123.99
Quebec	57.60	73.88	82.28	96.05	108.45	121.86	141.94	154.50	155.08	156.22	163.66
New Brunswick	54.84	64.51	70.98	76.91	83.53	90.98	98.59	108.98	122.05	127.46	133.97
Nova Scotia	60.28	75.04	84.74	91.80	98.37	103.46	115.32	130.01	143.52	152.38	160.05
P.E.I.	40.54	46.87	53.04	62.10	66.66	76.23	82.21	89.39	102.28	108.09	112.78
Newfoundland	48.06	59.50	66.83	76.29	81.46	92.28	98.41	111.34	120.94	125.83	128.44
Canada	57.80	70.37	78.91	87.39	94.16	100.94	110.55	121.95	131.90	135.94	140.83

Note: Interprovincial transfer funds are included in the figures of the province from which the funds originated. Therefore, the above figures are calculated by dividing the "Net Total Operating Grants" by the "Provincial Population" figures found in Appendix B.

INDICATOR 3 - PROVINCIAL OPERATING GRANTS PLUS STUDENT AID PER CAPITA

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	56.78	69.81	78.73	86.85	95.19	98.86	105.60	120.47	129.26	123.76	113.91
Alberta	73.29	93.10	99.41	106.81	112.56	115.35	120.20	134.12	158.86	173.05	183.06
Saskatchewan	58.73	70.84	79.04	84.75	92.56	98.13	104.58	117.17	129.94	136.53	140.69
Manitoba	64.43	75.61	85.44	92.86	93.12	104.86	105.84	120.87	140.44	153.59	154.95
Ontario	61.16	70.81	80.17	86.65	89.03	92.10	97.85	106.09	119.45	124.71	130.81
Quebec	60.98	77.96	87.02	102.40	114.63	129.62	151.16	165.37	168.04	171.88	182.58
New Brunswick	58.34	67.78	74.37	80.59	87.26	95.42	104.78	117.21	134.81	137.79	146.17
Nova Scotia	64.79	79.67	88.57	95.22	102.60	108.35	122.24	138.83	150.12	159.01	168.21
P.E.I.	45.42	52.27	56.82	65.76	70.45	80.55	87.20	96.18	113.20	116.42	123.80
Newfoundland	52.05	67.02	75.66	85.10	87.80	99.98	107.56	120.63	141.82	145.80	159.72
Canada	61.37	74.68	83.52	92.75	99.15	106.50	116.75	128.83	140.36	145.18	151.00

Note: Interprovincial transfer funds are included in the figures of the province from which the funds originated. Therefore, the above figures are calculated by dividing the sum of "Net Total Operating Grants" and "Provincial Student Aid" by the "Provincial Population" figures found in Appendix B.

INDICATOR 4 - PROVINCIAL OPERATING GRANTS PLUS FEES PER STUDENT

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	3,356.23	3,900.25	4,357.66	4,892.08	5,405.47	5,709.26	6,083.79	6,850.60	6,989.23	6,739.90	6,952.52
Alberta	3,757.93	4,462.95	4,850.36	5,294.21	5,888.16	6,448.62	6,899.71	7,440.28	8,062.58	7,961.46	7,972.46
Saskatchewan	3,430.26	3,865.98	4,349.37	4,720.16	5,288.08	5,769.05	6,033.75	6,381.43	7,092.37	7,255.65	7,523.59
Manitoba	3,003.00	3,423.43	3,887.91	4,318.80	4,660.71	5,350.19	5,093.52	5,752.73	6,058.05	6,380.93	6,573.48
Ontario	3,320.12	3,564.01	3,909.33	4,430.28	4,771.43	4,957.01	5,199.20	5,529.15	6,056.01	6,351.87	6,573.50
Quebec	3,455.39	4,159.55	4,496.14	4,871.31	5,071.82	5,745.88	6,389.06	6,659.14	6,396.00	6,189.54	6,206.94
New Brunswick	3,280.71	3,595.95	4,028.59	4,542.10	4,999.77	5,454.91	5,615.82	5,758.85	6,176.40	6,177.64	6,652.47
Nova Scotia	3,108.01	3,500.86	3,892.33	4,215.77	4,580.05	4,906.88	5,284.55	6,033.69	6,376.93	6,576.41	6,843.29
P.E.I.	2,863.42	2,976.77	3,389.83	3,543.28	4,176.81	4,745.73	5,096.24	5,388.48	5,655.60	5,770.98	5,889.88
Newfoundland	3,554.29	4,337.94	4,750.06	5,250.11	6,132.43	6,660.13	6,368.52	6,566.28	7,928.52	8,848.80	8,088.47
Canada	3,374.12	3,836.21	4,212.82	4,677.63	5,044.54	5,468.63	5,831.89	6,231.75	6,501.04	6,559.67	6,696.68

Note: Interprovincial transfer students and funds are included in the figures of the province where they are enrolled. Therefore, the above figures are calculated by dividing the sum of "Provincial Institutional Grants" and "Total Fees" by the "Provincial Institutions' Total Enrolment" figures in Appendix B.

INDICATOR 5 - TOTAL OPERATING INCOME PER STUDENT

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	3,466.00	4,056.41	4,576.82	5,011.05	5,519.27	5,842.22	6,230.75	7,093.49	7,177.68	6,890.44	7,115.42
Alberta	3,838.53	4,525.15	4,838.60	5,371.44	6,023.98	6,613.04	7,599.50	8,317.57	9,688.53	8,834.58	8,908.40
Saskatchewan	3,692.21	4,237.64	4,608.81	5,048.64	5,662.23	6,231.91	6,378.39	6,822.46	7,961.13	7,738.95	7,895.71
Manitoba	3,030.44	3,579.42	3,995.83	4,440.91	4,779.61	5,422.73	5,482.78	6,034.50	6,295.44	6,563.51	6,841.17
Ontario	3,502.43	3,714.20	4,094.05	4,594.19	5,037.51	5,239.25	5,420.97	5,794.10	6,350.16	6,731.18	6,826.55
Quebec	3,642.53	4,372.94	4,743.11	5,164.80	5,347.21	5,889.84	6,682.59	7,009.33	6,874.26	6,689.17	6,773.71
New Brunswick	3,346.75	3,663.65	4,085.48	4,581.81	4,829.71	5,689.55	5,890.08	6,097.98	6,481.14	6,471.29	6,799.19
Nova Scotia	3,303.35	3,849.66	3,933.81	4,293.91	4,929.64	5,257.37	5,823.18	6,569.53	6,905.02	7,257.56	7,380.96
P.E.I.	3,218.73	3,360.12	3,394.19	3,255.86	4,417.63	4,972.97	5,073.01	5,565.54	5,648.87	5,687.98	6,062.22
Newfoundland	3,844.32	4,929.76	5,437.84	6,343.80	6,821.16	7,222.26	7,052.23	6,792.82	8,286.61	9,130.85	8,310.22
Canada	3,537.57	4,019.78	4,397.89	4,877.68	5,284.91	5,690.09	6,140.55	6,588.94	6,980.69	6,998.87	7,112.39

Note: Interprovincial transfer students and funds are included in the figures of the province where they are enrolled. Therefore, the above figures are calculated by dividing Total Operating Income" by the "Provincial Institutions' Total Enrolment" figures found in Appendix B.

INDICATOR 6 - PROVINCIAL OPERATING GRANTS PLUS STUDENT AID AS A PERCENTAGE OF GROSS GENERAL EXPENDITURES

(%)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	4.76	4.53	4.96	4.90	4.91	4.62	4.20	4.17	3.68	3.34	3.00
Alberta	5.42	5.62	5.03	4.97	4.66	3.52	3.76	3.43	2.98	3.28	3.44
Saskatchewan	4.97	4.91	4.67	4.40	4.52	4.12	3.82	3.76	3.56	3.55	3.36
Manitoba	5.66	5.45	5.42	5.01	5.20	5.10	4.52	4.24	4.24	4.01	3.96
Ontario	5.18	5.08	5.23	5.21	4.96	4.74	4.63	4.41	4.38	4.25	4.18
Quebec	4.72	4.95	4.75	4.98	4.91	5.15	5.13	4.90	4.43	4.15	4.18
New Brunswick	4.63	4.47	4.56	4.56	4.51	4.50	4.32	4.17	3.97	3.87	3.83
Nova Scotia	5.81	5.89	5.97	5.50	5.24	5.22	5.07	4.54	4.55	4.69	4.56
P.E.I.	3.23	3.01	3.21	3.06	3.15	3.28	3.11	3.20	3.31	3.35	3.40
Newfoundland	3.59	3.77	3.96	4.37	4.05	3.76	3.73	4.02	4.12	3.78	4.08
Canada	4.98	5.00	4.99	5.00	4.86	4.65	4.57	4.36	4.06	3.93	3.90

Note: Interprovincial transfer funds are included in the figures of the province from which the funds originated. Therefore, the above figures are equal to "Net Total Operating Grants" plus "Provincial Student Aid" as a percentage of "Gross General Expenditure" as found in Appendix B.

INDICATOR 7 - PROVINCIAL OPERATING GRANTS PER $1,000 OF PROVINCIAL PERSONAL INCOME

($)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	9.55	10.42	10.47	10.45	10.33	9.68	9.17	9.09	8.95	8.43	7.76
Alberta	13.88	14.94	14.40	13.97	13.10	11.87	10.90	10.26	11.04	11.26	11.34
Saskatchewan	11.30	10.93	11.44	12.09	11.83	11.30	10.74	9.16	10.05	10.23	10.26
Manitoba	11.81	11.95	12.66	13.00	11.79	12.12	11.13	10.49	11.14	11.75	10.86
Ontario	9.95	10.06	10.18	10.01	9.47	8.87	8.44	7.94	8.18	8.05	7.89
Quebec	12.25	13.58	13.11	13.87	14.12	14.44	14.87	13.98	12.95	12.49	12.17
New Brunswick	14.47	14.11	14.12	14.12	13.90	13.41	13.31	13.01	13.25	12.78	12.54
Nova Scotia	14.61	15.93	16.10	15.76	15.14	14.24	14.39	14.26	14.24	14.15	13.79
P.E.I.	11.96	11.22	11.75	12.76	11.68	12.22	11.38	11.23	11.49	10.83	11.01
Newfoundland	13.79	14.61	14.61	15.26	15.24	15.21	14.85	14.33	14.16	13.77	13.24
Canada	11.22	11.83	11.79	11.93	11.61	11.22	10.95	10.35	10.31	10.10	9.83

Note: Interprovincial funds are included in the figures of the province from which the funds originated. The operating grants figures used in calculating the figures found above are the "Net Total Operating Grants" figures found in Appendix B.

INDICATOR 8 - TOTAL UNIVERSITY OPERATING EXPENDITURES AS A PERCENTAGE OF PROVINCIAL GROSS DOMESTIC PRODUCT

(%)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
British Columbia	0.90	1.00	0.94	0.93	0.91	0.84	0.83	0.82	0.89	0.84	0.79
Alberta	0.92	0.95	0.95	1.00	0.86	0.77	0.74	0.74	0.91	0.84	0.85
Saskatchewan	1.04	1.08	1.08	1.14	1.09	1.00	0.88	0.87	1.03	1.04	0.97
Manitoba	1.16	1.19	1.18	1.23	1.14	1.09	1.11	1.06	1.17	1.21	1.15
Ontario	1.02	1.05	1.01	1.01	0.97	0.90	0.88	0.86	0.94	0.92	0.88
Quebec	1.18	1.28	1.24	1.36	1.39	1.31	1.48	1.44	1.38	1.32	1.33
New Brunswick	1.56	1.65	1.52	1.50	1.11	1.31	1.66	1.57	1.59	1.52	1.46
Nova Scotia	1.90	2.12	1.80	1.88	1.91	1.85	2.14	2.13	2.05	2.02	1.90
P.E.I.	1.55	1.50	1.33	1.08	1.20	1.14	1.06	1.08	1.15	1.05	1.12
Newfoundland	1.66	1.95	1.84	2.00	1.87	1.68	1.72	1.60	1.69	1.58	1.47
Canada	1.08	1.14	1.10	1.14	1.10	1.02	1.05	1.03	1.09	1.05	1.02

APPENDIX A
GUIDELINES AND DEFINITIONS

APPENDIX A

Guidelines and Definitions

This appendix outlines the guidelines and definitions established for the specific purpose of making interprovincial comparisons. All information in this report pertains to the operating fund. This fund accounts for the costs of instruction and research, academic support services, administration, plant maintenance and other operating expenses of the university financed by fees, grants and other general income.

1. **Provincial Operating Grants**

Two types of provincial operating grants are identified separately:

i) Provincial Institutional Operating Grants: Grants which are provided by the government of the province in which the institution is located and which are classified as income in the general purpose or operating fund of the institutions.

ii) Interprovincial Transfer Grants: Those funds provided by the provincial government in support of one or more university programs in another province.

Operating grants are included for all enrolment shown, including:

a) grants provided by all provincial ministries in support of academic programs and/or general research;

b) grants for system-wide co-operative projects except grants to government advisory bodies;

c) those years of transfer institutions (colleges, etc.), so identified by provincial policy, which parallel first and second year university in Ontario; and

d) grants for theology students, if they are part of the post-secondary system.

The definition excludes:

a) ancillary enterprises;
b) non-credit programs;
c) municipal tax relief;
d) provincially sponsored research;
e) student aid;
f) scholarships; and
g) capital grants. Capital includes only: i) new buildings; ii) major additions; iii) debt servicing; iv) land purchase; v) building rental, where it comprises a major portion of provincial operating grants; and vi) specifically funded major alteration, renovation or restoration projects allocated funds greater than or equal to $100,000.

2. Provincial Student Aid

This includes all forms of non-repayable provincial student support, such as student aid grants, scholarships and bursaries. Student loans, including interest any province is paying on loans, are excluded.

3. Fees

This section includes fees normally collected for the Regular Session and as Miscellaneous. It excludes fees for non-credit programs and any fees reported under external sales and service. For all years, miscellaneous fees are reported separately. Included is revenue from:

a) Tuition - tuition fees for credit programs
b) Miscellaneous - library fees;
- athletic fees;
- health service fees;
- graduation fees;

- laboratory or equipment fees;
- materials or breakage charges;
- fines; and
- all fees that become income to the university

Excluded is revenue from:

a) non-credit course fees;
b) residence fees;
c) parking charges;
d) student union levies;
e) other ancillary fees; and
f) fees collected on behalf of another agency.

4. **Total Operating Income**

This includes all income, received or transferred, to meet the operating expenditures of provincial institutions. Income associated with the operating of university-level programs is included, except for:

- capital funds;
- trust and endowment funds;
- sponsored research funds; and
- ancillary enterprise funds.

The following items are **excluded** from the study and are not considered as operating funds:

a) Provincial government grants designated for property taxes or grants in lieu of taxes and institutional payments to municipalities relating to property taxes are omitted from expenditure figures.
b) Student assistance, which is defined as grants and scholarships paid directly to the student by the provincial government, is not included in total operating income.
c) Capital funds are not included in total operating income. Capital funds are defined as those funds which

are designated for new buildings; major additions to existing buildings; building rental, where this is a major component of operating expenditures in the province; debt servicing charges; land purchases; and specifically funded major alterations, renovations or restoration projects allocated funds greater than or equal to $100,000.

The CAUBO definitions for trust and endowment funds, and ancillary enterprise funds, are followed for the purposes of this study. These funds are excluded, as are any debenture repayments from both operating revenue and expenditure. This latter exclusion is necessitated by the differing provincial treatment of capital support.

5. **Total Operating Expenditures**

This category includes items in the General Purpose Operating fund, as defined in CAUBO, but excludes trust and endowment; capital (as defined in this study); sponsored research; and ancillary enterprises. Appropriations are not included or considered as operating expenditures. The following CAUBO categories are included:

a) salaries and employee benefits;
b) travel;
c) library acquisitions;
d) operational supplies and expenses;
e) furniture and equipment;
f) utilities;
g) renovations and alterations (for the purpose of this report, only projects in this CAUBO category under $100,000 in value are included in operating expenditures);
h) space rental (see 4 c) above);
i) scholarships, bursaries and prizes;
j) externally contracted services;
k) professional fees;

l) insurance;
m) institutional membership fees;
n) debt repayments;
o) internal cost recoveries;
p) external cost recoveries (general purpose operating only); and
q) miscellaneous.

6. Enrolment

Two types of students are included in the enrolment figures:

i) Provincial Institutions' Enrolment: Total students enrolled in institutions within the province.

ii) Interprovincial Transfer Enrolment: Students enrolled in programs in other provinces, the cost of whose education is funded by their home province. The transfer of funds is usually from one government to another.

All university credit (degree or diploma) programs for fall and summer terms are included in the enrolment figures. A number of provinces use part of their college systems to provide first-year, and sometimes second-year, university-level instruction. In cases where this is a provincially-assigned role for the college system, it usually involves an admission requirement of Grade 12 (Ontario Grade 13 or equivalent). The funds and enrolment associated with such university-level instruction are included in the data contained in this study.

The treatment of some specific types of enrolment is identified below:

a) All students enrolled in co-operative work-study programs and at university during either fall or summer terms are included. Students away from campus on a work-term are excluded.
b) Non-credit courses are not included in this study.

c) Theology programs are included in the study if such programs are eligible to receive provincial operating grants.

d) Teacher training and all undergraduate and graduate programs in education are included.

e) All enrolment in correspondence courses taken for credit are included.

f) University-level programs in agriculture are included, even if they are funded through grants from a provincial department other than that which normally provides university operating grants.

g) Medical interns and residents are excluded from this study.

h) All students enrolled in an academic program of study at related centres, institutes, etc., are included.

A full-time student is counted as one full-time equivalent. A part-time student (undergraduate and graduate headcount) is counted as 1/3.5 full-time equivalent, which corresponds with the methodology followed by Statistics Canada. The Statistics Canada University Student Information System (USIS), supplemented by provincial information, is the source for the fall term enrolment data.

7. **Provincial Gross Domestic Product** (or Gross Provincial Product)

This is the value of goods and services produced within the geographic boundaries of each province. The figures used are obtained from Statistics Canada, Experimental Data on Provincial Economic Accounts, (13-213), Table 1.

8. **Provincial Personal Income**

This is the income received by individuals in each province from all possible sources. It includes not only

wages, salaries and pensions, but also rents, dividends, interest, welfare payments, profits of personal businesses and realized capital gains. These figures are obtained from Statistics Canada, Experimental Data on Provincial Economic Accounts, (13-213), Table 10, Cansim Matrix No. 005089 to 006965.

9. Provincial Population

The January population figure for each province is used as reported in Statistics Canada, Canadian Statistical Review, (11-003).

10. Provincial Gross General (Government) Expenditures

Provincial Gross General Expenditure is described above (see page 4). It is found in Statistics Canada, Provincial Government Finance: Revenue and Expenditure, (68-207), Table 4 and 7.

APPENDIX B
FINANCIAL AND ENROLMENT DATA

APPENDIX B
Financial and Enrolment Data

Province British Columbia

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	130,502	164,250	189,231	211,577	235,100	250,944	276,903	321,544	344,751	340,783	327,659
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	(28)	(34)	(40)	(25)
ii) Transfers out	177	198	338	433	575	358	503	633	721	807	769
c) Net Total Operating Grants	130,679	164,448	189,569	212,010	235,675	251,302	277,406	322,149	345,438	341,550	328,403
2. Provincial Student Aid ($000)	7,925	7,075	5,925	6,650	7,700	9,325	9,578	12,275	17,524	11,043	0
3. Fees a) Tuition	17,657	19,270	19,338	22,728	23,635	23,660	27,020	31,826	43,086	48,943	60,135
b) Miscellaneous	163	178	202	290	333	508	595	717	1,044	1,175	1,283
Total ($000)	17,820	19,448	19,540	23,018	23,968	24,168	27,615	32,543	44,130	50,118	61,418
4. Total Operating Income ($000)	153,173	191,053	219,271	240,300	264,522	281,519	311,874	366,641	399,366	399,632	398,193
5. Total Operating Expenditure ($000)	155,961	190,571	213,426	235,251	256,600	276,258	312,996	355,777	397,809	395,099	397,137
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	38,760	40,851	40,836	38,898	38,170	38,677	39,110	40,138	43,125	45,899	44,379
ii) FTE of Part-Time	5,433	6,248	7,073	9,056	9,757	9,510	10,944	11,549	12,515	12,099	11,583
Total	44,193	47,099	47,909	47,954	47,927	48,187	50,054	51,687	55,640	57,998	55,962
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	(3)	(3)	(6)	(4)
ii) Tranfers out	24	25	28	28	28	30	34	34	35	36	36
c) Net Total Enrolment	44,217	47,124	47,937	47,982	47,955	48,217	50,088	51,718	55,672	58,028	55,994
7. Gross Domestic Product ($m)	17,259.9	19,053.6	22,647.0	25,269.0	28,251.0	32,920.0	37,496.0	43,195.0	44,459.0	47,238.0	49,974.0
8. Provincial Personal Income ($m)	13,687.0	15,787.0	18,098.0	20,280.0	22,806.0	25,974.0	30,253.0	35,443.0	38,591.0	40,523.0	42,338.0
9. Provincial Population (000)	2,441.0	2,457.0	2,483.0	2,517.6	2,556.6	2,636.4	2,717.7	2,776.1	2,808.1	2,849.0	2,883.0
10. Gross General (Government) Expenditure ($m)	2,913.4	3,785.4	3,939.6	4,465.4	4,961.3	5,639.6	6,838.2	8,014.6	9,853.0	10,558.8	10,959.0

Financial and Enrolment Data

Province B.C. College Transfers

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	14,259	17,507	23,224	28,716	35,302	33,667	38,509	43,370	45,900	44,200	47,117
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	14,259	17,507	23,224	28,716	35,302	33,667	38,509	43,370	45,900	44,200	47,117
2. Provincial Student Aid ($000)	1,725	1,575	1,275	1,375	1,500	1,750	1,875	2,325	3,750	2,670	0
3. Fees a) Tuition	1,972	2,459	2,696	2,529	2,990	2,610	2,822	3,566	4,668	5,754	7,751
b) Miscellaneous	0	0	0	0	0	0	0	0	0	0	0
Total ($000)	1,972	2,459	2,696	2,529	2,990	2,610	2,822	3,566	4,668	5,754	7,751
4. Total Operating Income ($000)	18,971	24,980	33,587	34,739	40,512	36,855	42,057	48,221	51,770	51,024	55,765
5. Total Operating Expenditure ($000)	21,681	25,208	30,452	33,812	38,434	36,855	42,057	48,221	51,770	51,024	55,765
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	7,004	7,273	7,210	7,159	7,089	6,880	7,313	7,366	8,722	9,797	9,293
ii) FTE of Part-Time	1,809	2,154	2,517	3,044	3,330	3,302	3,405	3,191	3,442	3,191	3,169
Total	8,813	9,427	9,727	10,203	10,419	10,182	10,718	10,557	12,164	12,988	12,462
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	8,813	9,427	9,727	10,203	10,419	10,182	10,718	10,557	12,164	12,988	12,462

Financial and Enrolment Data — Province Alberta

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	124,868	163,909	181,346	200,857	218,107	236,798	258,537	300,775	363,364	387,515	407,240
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	(27)	(26)	(24)	(51)	(78)
ii) Transfers out	301	335	486	652	847	806	669	848	1,072	1,014	1,128
c) Net Total Operating Grants	125,169	164,244	181,832	201,509	218,954	237,604	259,179	301,597	364,412	388,478	408,290
2. Provincial Student Aid ($000)	2,870	4,675	4,914	4,852	5,014	5,676	5,700	5,700	6,990	16,470	19,616
3. Fees a) Tuition	15,611	16,769	20,812	21,267	23,013	26,370	25,738	28,331	37,185	42,802	51,527
b) Miscellaneous	0	0	0	0	0	0	0	0	0	0	0
Total ($000)	15,611	16,769	20,812	21,267	23,013	26,370	25,738	28,331	37,185	42,802	51,527
4. Total Operating Income ($000)	143,492	183,196	201,668	225,364	246,682	269,878	313,107	367,911	481,326	477,509	512,625
5. Total Operating Expenditure ($000)	144,139	179,328	203,134	244,691	245,945	268,987	312,274	364,803	481,522	474,812	509,197
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	31,026	33,412	34,374	33,993	33,254	32,908	33,427	35,801	39,733	43,238	45,007
ii) FTE of Part-Time	6,356	7,072	7,305	7,963	7,696	7,902	7,774	8,432	9,947	10,812	12,537
Total	37,382	40,484	41,679	41,956	40,950	40,810	41,201	44,233	49,680	54,050	57,544
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	(12)	(10)	(8)	(16)	(9)
ii) Tranfers out	40	41	41	49	50	54	52	53	54	54	61
c) Net Total Enrolment	37,422	40,525	41,720	42,005	41,000	40,864	41,241	44,276	49,726	54,088	57,596
7. Gross Domestic Product ($m)	15,739.2	18,795.5	21,333.0	24,513.0	28,643.0	34,811.0	42,305.0	49,036.0	52,844.0	56,539.0	60,007.0
8. Provincial Personal Income ($m)	9,019.0	10,991.0	12,628.0	14,428.0	16,708.0	20,014.0	23,780.0	29,408.0	33,002.0	34,490.0	35,995.0
9. Provincial Population (000)	1,747.0	1,814.4	1,878.6	1,932.0	1,989.8	2,109.0	2,203.6	2,291.2	2,337.9	2,340.0	2,337.5
10. Gross General (Government) Expenditure ($m)	2,363.4	3,004.7	3,716.2	4,148.4	4,806.4	6,919.5	7,047.8	8,959.9	12,461.9	12,362.8	12,449.2

Financial and Enrolment Data

Province Saskatchewan

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	51,675	62,530	71,251	77,693	85,203	90,985	97,234	111,088	123,878	130,919	136,747
b) Interprovincial Tranfer Grants											
i) Transfers in	(610)	(682)	(1,035)	(1,390)	(1,729)	(1,406)	(1,370)	(1,790)	(2,192)	(2,241)	(2,244)
ii) Transfers out	0	0	0	22	27	42	72	83	97	111	148
c) Net Total Operating Grants	51,065	61,848	70,216	76,325	83,501	89,621	95,936	109,381	121,783	128,789	134,651
2. Provincial Student Aid ($000)	2,495	3,088	3,401	3,775	4,828	4,342	4,885	4,885	6,573	8,041	8,344
3. Fees a) Tuition	7,384	7,833	10,017	10,326	10,779	10,834	12,254	13,555	16,595	22,797	25,879
b) Miscellaneous	65	79	174	97	113	97	109	82	573	735	478
Total ($000)	7,449	7,912	10,191	10,423	10,892	10,931	12,363	13,637	17,168	23,532	26,357
4. Total Operating Income ($000)	63,639	77,214	86,300	94,248	102,894	110,093	115,857	133,345	158,323	164,739	171,171
5. Total Operating Expenditure ($000)	64,983	76,427	86,166	95,345	104,671	110,051	116,848	132,100	159,362	168,669	169,935
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	13,306	14,134	14,519	14,760	14,344	13,768	14,024	15,066	16,539	18,227	18,776
ii) FTE of Part-Time	3,930	4,087	4,206	3,908	3,828	3,898	4,140	4,479	3,348	3,060	2,903
Total	17,236	18,221	18,725	18,668	18,172	17,666	18,164	19,545	19,887	21,287	21,679
b) Interprovincial Transfers											
i) Tranfers in	(81)	(85)	(87)	(91)	(89)	(92)	(94)	(96)	(98)	(100)	(104)
ii) Tranfers out	0	0	0	4	5	6	18	17	16	14	15
c) Net Total Enrolment	17,155	18,136	18,638	18,581	18,088	17,580	18,088	19,466	19,805	21,201	21,590
7. Gross Domestic Product ($m)	6,267.7	7,085.8	7,945.0	8,380.0	9,575.0	10,960.0	13,236.0	15,206.0	15,408.0	16,281.0	17,437.0
8. Provincial Personal Income ($m)	4,519.0	5,660.0	6,136.0	6,311.0	7,061.0	7,934.0	8,935.0	11,937.0	12,112.0	12,585.0	13,123.0
9. Provincial Population (000)	912.0	916.7	931.4	945.1	954.3	957.5	964.1	975.2	987.8	1,002.2	1,016.4
10. Gross General (Government) Expenditure ($m)	1,077.5	1,322.3	1,575.3	1,820.2	1,954.1	2,283.0	2,636.5	3,038.3	3,601.5	3,855.0	4,261.6

Financial and Enrolment Data — Province Manitoba

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)	58,729	69,907	80,976	90,675	91,020	102,037	102,745	117,673	138,644	154,293	157,349
a) Provincial Institutional Grants											
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	0	0	0	(21)
ii) Transfers out	132	153	220	303	381	345	316	434	568	576	576
c) Net Total Operating Grants	58,861	70,060	81,196	90,978	91,401	102,382	103,061	118,107	139,212	154,869	157,904
2. Provincial Student Aid ($000)	6,669	6,930	6,436	4,828	4,626	4,959	5,252	6,399	7,237	6,950	7,123
3. Fees a) Tuition	9,320	9,538	10,355	10,626	12,149	12,617	13,765	16,377	18,508	22,548	24,421
b) Miscellaneous	26	23	27	31	33	38	40	0	0	0	0
Total ($000)	9,346	9,561	10,382	10,657	12,182	12,655	13,805	16,377	18,508	22,548	24,421
4. Total Operating Income ($000)	68,697	83,089	93,894	104,197	105,835	116,247	125,457	140,616	163,310	181,901	189,172
5. Total Operating Expenditure ($000)	71,802	82,830	93,880	103,307	105,215	113,790	125,530	139,541	163,562	181,810	190,604
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	17,431	18,080	17,426	17,194	16,273	15,582	15,760	16,964	18,953	20,314	20,211
ii) FTE of Part-Time	5,238	5,133	6,072	6,269	5,870	5,855	7,122	6,338	6,988	7,400	7,441
Total	22,669	23,213	23,498	23,463	22,143	21,437	22,882	23,302	25,941	27,714	27,652
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	0	0	0	(3)
ii) Tranfers out	17	19	20	22	22	23	24	28	24	30	31
c) Net Total Enrolment	22,686	23,232	23,518	23,485	22,165	21,460	22,906	23,330	25,965	27,744	27,680
7. Gross Domestic Product ($m)	6,167.0	6,966.7	7,964.0	8,396.0	9,263.0	10,397.0	11,303.0	13,158.0	13,983.0	15,048.0	16,636.0
8. Provincial Personal Income ($m)	4,985.0	5,865.0	6,414.0	6,999.0	7,753.0	8,450.0	9,259.0	11,260.0	12,497.0	13,183.0	14,540.0
9. Provincial Population (000)	1,014.0	1,018.2	1,025.6	1,031.7	1,031.2	1,023.7	1,023.4	1,030.1	1,042.8	1,053.6	1,065.0
10. Gross General (Government) Expenditure ($m)	1,153.8	1,412.5	1,616.4	1,913.0	1,846.3	2,106.2	2,395.9	2,938.2	3,457.2	4,032.9	4,171.9

Financial and Enrolment Data

Province Ontario

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	468,434	542,196	621,553	674,671	709,036	740,257	792,428	870,941	990,826	1,049,846	1,119,184
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	(9)	(34)	(136)	(152)	(163)	(190)	(234)	(233)	(280)
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	468,434	542,196	621,544	674,637	708,900	740,105	792,265	870,751	990,592	1,049,613	1,118,904
2. Provincial Student Aid ($000)	31,330	40,494	45,353	54,388	46,091	46,870	49,197	49,207	58,555	60,129	61,549
3. Fees a) Tuition	105,297	114,837	115,828	132,217	128,103	137,012	161,321	193,660	238,883	266,980	283,716
b) Miscellaneous	4,452	6,321	6,870	7,743	8,143	9,074	10,359	11,346	14,831	16,603	17,312
Total ($000)	109,749	121,158	122,698	139,960	136,246	146,086	171,680	205,006	253,714	283,583	301,028
4. Total Operating Income ($000)	609,930	691,309	779,417	844,770	892,420	936,809	1,005,232	1,127,506	1,304,990	1,413,056	1,474,884
5. Total Operating Expenditure ($000)	617,604	693,457	772,423	839,365	882,417	928,014	1,007,067	1,133,676	1,291,181	1,394,096	1,469,353
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	140,452	150,202	154,259	149,264	144,263	144,445	149,836	157,820	165,908	173,545	177,341
ii) FTE of Part-Time	33,693	35,924	36,119	34,614	32,892	34,361	35,598	36,775	39,597	36,382	38,710
Total	174,145	186,126	190,378	183,878	177,155	178,806	185,434	194,595	205,505	209,927	216,051
b) Interprovincial Transfers											
i) Tranfers in	0	0	(2)	(11)	(16)	(22)	(22)	(22)	(25)	(24)	(27)
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	174,145	186,126	190,377	183,867	177,139	178,784	185,412	194,573	205,480	209,903	216,024
7. Gross Domestic Product ($m)	60,362.6	66,229.7	76,436.0	83,298.0	91,297.0	103,021.0	114,767.0	131,680.0	137,232.0	151,650.0	167,741.0
8. Provincial Personal Income ($m)	47,060.0	53,902.0	61,074.0	67,417.0	74,835.0	83,480.0	93,868.0	109,672.0	121,091.0	130,333.0	141,730.0
9. Provincial Population (000)	8,171.0	8,228.8	8,318.8	8,413.1	8,480.1	8,544.9	8,599.7	8,671.7	8,782.8	8,898.5	9,023.9
10. Gross General (Government) Expenditure ($m)	9,655.1	11,461.2	12,741.1	13,986.4	15,215.2	16,606.2	18,168.6	20,861.7	23,932.4	26,135.5	28,239.2

Financial and Enrolment Data — Province Quebec

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	355,269	459,184	515,610	602,063	680,837	776,183	910,850	998,877	1,007,759	1,020,353	1,075,083
b) Interprovincial Tranfer Grants											
i) Transfers in	(189)	(249)	(294)	(342)	(381)	(470)	(630)	(762)	(861)	(1,065)	(1,109)
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	355,080	458,935	515,316	601,721	680,456	775,713	910,220	998,115	1,006,898	1,019,288	1,073,974
2. Provincial Student Aid ($000)	20,843	25,308	29,651	39,776	38,762	49,449	59,161	70,264	84,166	102,211	124,173
3. Fees a) Tuition	44,295	47,954	50,970	55,061	58,432	63,132	67,148	75,443	78,785	81,836	85,099
b) Miscellaneous	1,907	1,920	1,791	1,999	2,135	2,192	2,384	2,410	2,740	2,891	4,165
Total ($000)	46,202	49,874	52,761	57,060	60,567	65,324	69,532	77,853	81,525	84,727	89,264
4. Total Operating Income ($000)	423,215	535,174	599,591	698,834	781,661	862,591	1,025,424	1,133,353	1,170,735	1,194,284	1,270,667
5. Total Operating Expenditure ($000)	418,720	507,250	577,536	687,155	784,046	823,546	1,039,033	1,155,013	1,158,021	1,194,319	1,296,931
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	97,331	101,484	101,787	107,364	114,061	112,581	115,748	121,956	130,069	136,274	142,534
ii) FTE of Part-Time	18,856	20,899	24,626	27,943	32,120	33,873	37,699	39,736	40,238	42,266	45,054
Total	116,187	122,383	126,413	135,307	146,181	146,454	153,447	161,692	170,307	178,540	187,588
b) Interprovincial Transfers											
i) Tranfers in	(45)	(55)	(66)	(71)	(68)	(78)	(82)	(89)	(92)	(113)	(112)
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	116,142	122,328	126,347	135,236	146,113	146,376	153,365	161,603	170,215	178,427	187,476
7. Gross Domestic Product ($m)	35,451.0	39,761.9	46,701.0	50,592.0	56,562.0	62,953.0	70,312.0	80,015.0	84,009.0	90,432.0	97,631.0
8. Provincial Personal Income ($m)	28,980	33,801	39,318	43,382	48,204	53,726	61,213	71,383	77,761.0	81,641.0	88,218.0
9. Provincial Population (000)	6,165	6,211.5	6,262.7	6,264.7	6,274.4	6,365.8	6,412.9	6,460.5	6,492.9	6,524.9	6,562.2
10. Gross General (Government) Expenditure ($m)	7,966.7	9,776.6	11,461.2	12,890.0	14,653.2	16,022.4	18,879.9	21,808.6	24,609.3	27,045.2	28,632.3

Financial and Enrolment Data — Province — Quebec Colleges (Public and Private)

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	54,982	69,849	79,759	90,773	104,104	103,997	119,956	141,039	146,894	162,415	175,879
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	54,982	69,849	79,759	90,773	104,104	103,997	119,956	141,039	146,894	162,415	175,879
2. Provincial Student Aid ($000)	3,631	4,085	4,959	5,728	6,919	7,596	9,521	11,376	13,701	17,355	22,303
3. Fees a) Tuition	1,646	2,085	2,586	3,050	2,770	2,787	3,174	3,326	3,868	4,463	4,718
b) Miscellaneous									0	0	1,130
Total ($000)	1,646	2,085	2,586	3,050	2,770	2,787	3,174	3,326	3,868	4,463	5,848
4. Total Operating Income ($000)	56,322	71,546	82,005	93,822	106,400	108,561	125,238	146,528	153,230	169,344	203,533
5. Total Operating Expenditure ($000)	56,056	71,207	81,259	93,527	106,944	108,530	125,366	147,310	152,566	168,779	180,422
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	30,348	29,298	29,276	30,878	33,580	28,143	29,273	33,101	34,441	35,523	36,497
ii) FTE of Part-Time	0	0	0	0	0	0	0	0	0	0	906
Total	30,348	29,298	29,276	30,878	33,580	28,143	29,273	33,101	34,441	35,523	37,403
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	30,348	29,298	29,276	30,878	33,580	28,143	29,273	33,101	34,441	35,523	37,403

Financial and Enrolment Data — Province New Brunswick

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	35,067	41,561	46,336	51,393	55,921	60,839	65,557	72,318	82,148	86,670	92,513
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Transfers out	1,676	1,903	2,228	1,888	2,447	2,404	3,035	3,600	3,790	4,027	3,572
c) Net Total Operating Grants	36,743	43,464	48,564	53,281	58,368	63,243	68,592	75,918	85,938	90,697	96,085
2. Provincial Student Aid ($000)	2,343	2,208	2,317	2,552	2,607	3,083	4,304	5,732	8,981	7,357	8,745
3. Fees a) Tuition	7,957	9,252	8,974	9,162	9,151	9,780	10,685	13,347	16,812	19,300	21,456
b) Miscellaneous	242	120	67	73	50	33	32	90	91	100	61
Total ($000)	8,199	9,372	9,041	9,235	9,201	9,813	10,717	13,437	16,903	19,400	21,517
4. Total Operating Income ($000)	44,137	51,892	56,159	61,158	62,907	73,691	79,999	90,805	103,938	111,112	116,545
5. Total Operating Expenditure ($000)	44,102	53,346	55,910	59,728	50,210	72,167	83,416	91,857	101,413	111,352	117,999
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	10,608	11,166	11,001	10,959	10,822	10,770	11,252	12,042	13,153	14,155	14,444
ii) FTE of Part-Time	2,580	2,998	2,745	2,389	2,203	2,182	2,330	2,849	2,884	3,015	2,697
Total	13,188	14,164	13,746	13,348	13,025	12,952	13,582	14,891	16,037	17,170	17,141
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Tranfers out	302	310	351	297	351	328	333	298	271	356	346
c) Net Total Enrolment	13,490	14,474	14,097	13,645	13,376	13,280	13,915	15,189	16,308	17,526	17,487
7. Gross Domestic Product ($m)	2,834.6	3,231.6	3,671.0	3,984.0	4,542.0	5,519.0	5,027.0	5,837.0	6,383.0	7,348.0	8,074.0
8. Provincial Personal Income ($m)	2,539.0	3,080.0	3,439.0	3,773.0	4,199.0	4,716.0	5,155.0	5,837.0	6,486.0	7,098.0	7,664.0
9. Provincial Population (000)	670	673.8	684.2	692.8	698.8	695.1	695.7	696.6	704.1	711.6	717.2
10. Gross General (Government) Expenditure ($m)	843.3	1,021.0	1,116.8	1,225.5	1,350.9	1,474.8	1,687.0	1,959.1	2,392.2	2,534.1	2,738.4

Notes:
1. Mount Allison University's fiscal period for items 3 to 5 was 10 months in 1976-77.
2. Universite de Moncton and St. Thomas University had ten month fiscal periods in 1977-78 for items 3 to 5.
3. University of New Brunswick had a ten month fiscal period in 1978-79 for items 3 to 5.

Financial and Enrolment Data — Province Nova Scotia

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	51,086	63,994	72,830	79,592	86,425	91,007	101,959	115,399	128,755	138,150	146,232
b) Interprovincial Tranfer Grants											
i) Transfers in	(1,779)	(1,974)	(2,187)	(2,559)	(3,218)	(3,652)	(4,298)	(4,851)	(5,586)	(5,774)	(5,664)
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	49,307	62,020	70,643	77,033	83,207	87,355	97,661	110,548	123,169	132,376	140,568
2. Provincial Student Aid ($000)	3,691	3,831	3,190	2,865	3,583	4,128	5,868	7,501	5,661	5,759	7,175
3. Fees a) Tuition	12,601	13,342	13,169	15,458	16,102	16,749	19,171	23,850	29,013	34,400	37,210
b) Miscellaneous	338	299	325	336	254	421	272	286	552	620	574
Total ($000)	12,939	13,641	13,494	15,794	16,356	17,170	19,443	24,136	29,565	35,020	37,784
4. Total Operating Income ($000)	68,049	85,370	87,244	97,154	110,626	115,904	133,776	151,927	171,431	191,106	198,474
5. Total Operating Expenditure ($000)	67,544	84,458	83,013	94,796	107,685	116,298	136,444	156,801	171,808	190,345	198,931
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	17,519	18,518	18,741	18,798	18,362	18,097	18,778	19,131	20,730	22,134	22,781
ii) FTE of Part-Time	3,081	3,658	3,437	3,828	4,079	3,949	4,195	3,995	4,097	4,198	4,109
Total	20,600	22,176	22,178	22,626	22,441	22,046	22,973	23,126	24,827	26,332	26,890
b) Interprovincial Transfers											
i) Tranfers in	(314)	(305)	(327)	(598)	(652)	(605)	(669)	(600)	(577)	(650)	(665)
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	20,286	21,871	21,851	22,028	21,789	21,441	22,304	22,526	24,250	25,682	26,225
7. Gross Domestic Product ($m)	3,558.4	3,989.1	4,623.0	5,042.0	5,633.0	6,271.0	6,368.0	7,375.0	8,394.0	9,428.0	10,444.0
8. Provincial Personal Income ($m)	3,375.0	3,894.0	4,387.0	4,888.0	5,497.0	6,135.0	6,787.0	7,753.0	8,648.0	9,354.0	10,196.0
9. Provincial Population (000)	818.0	826.5	833.6	839.1	845.9	844.3	846.9	850.3	858.2	868.7	878.3
10. Gross General (Government) Expenditure ($m)	911.7	1,117.5	1,237.1	1,452.1	1,655.6	1,751.2	2,041.9	2,597.8	2,829.6	2,942.9	3,238.1

Notes: 1. Dalhousie University's fiscal period was ten months in 1976-77 for items 3 to 5.
2. The fiscal period for six institutions was ten months in 1977-78 for items 3 to 5.

Financial and Enrolment Data — Province Prince Edward Island

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	4,371	5,008	5,803	6,196	6,673	7,263	7,761	8,528	9,551	10,248	10,620
b) Interprovincial Tranfer Grants											
i) Transfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Transfers out	413	523	540	1,355	1,500	2,083	2,302	2,431	3,091	3,252	3,680
c) Net Total Operating Grants	4,784	5,531	6,343	7,551	8,173	9,346	10,063	10,959	12,642	13,500	14,300
2. Provincial Student Aid ($000)	576	637	453	446	464	530	610	833	1,350	1,041	1,398
3. Fees a) Tuition	1,058	1,095	1,156	1,170	1,252	1,341	1,393	1,607	2,116	2,377	2,480
b) Miscellaneous	43	47	41	43	36	0	60	60	91	100	58
Total ($000)	1,101	1,142	1,197	1,213	1,288	1,341	1,453	1,667	2,207	2,477	2,538
4. Total Operating Income ($000)	6,151	6,942	7,009	6,808	8,420	9,016	9,172	10,530	11,744	12,542	13,543
5. Total Operating Expenditure ($000)	5,905	6,809	6,880	6,020	7,818	8,396	9,070	10,413	11,922	12,580	13,743
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	1,397	1,463	1,478	1,533	1,390	1,332	1,321	1,390	1,596	1,676	1,720
ii) FTE of Part-Time	514	603	587	558	516	481	487	502	483	529	514
Total	1,911	2,066	2,065	2,091	1,906	1,813	1,808	1,892	2,079	2,205	2,234
b) Interprovincial Transfers											
i) Tranfers in	0	0	0	0	0	0	0	0	0	0	0
ii) Tranfers out	71	70	68	401	400	388	458	430	438	448	473
c) Net Total Enrolment	1,982	2,136	2,133	2,492	2,306	2,201	2,266	2,322	2,517	2,653	2,707
7. Gross Domestic Product ($m)	381.6	454.8	517.0	556.0	652.0	735.0	859.0	960.0	1,039.0	1,198.0	1,229.0
8. Provincial Personal Income ($m)	400.0	493.0	540.0	592.0	700.0	765.0	884.0	976.0	1,100.0	1,247.0	1,299.0
9. Provincial Population (000)	118.0	118.0	119.6	121.6	122.6	122.6	122.4	122.6	123.6	124.9	126.8
10. Gross General (Government) Expenditure ($m)	165.9	205.2	212.0	261.6	273.8	301.1	343.3	368.3	422.2	434.6	462.2

Notes: 1. Ten month fiscal period in 1977-78 for items 3 to 5.

Financial and Enrolment Data

Province Newfoundland

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1. Provincial Operating Grants ($000)											
a) Provincial Institutional Grants	26,363	33,210	37,837	43,645	46,985	52,456	56,229	63,583	69,777	73,211	74,810
b) Interprovincial Tranfer Grants											
i) Transfers in	(121)	(202)	(287)	(342)	(348)	(365)	(409)	(409)	(420)	(420)	(454)
ii) Transfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Operating Grants	26,242	33,008	37,550	43,303	46,637	52,091	55,820	63,174	69,357	72,791	74,356
2. Provincial Student Aid ($000)	2,179	4,174	4,962	5,002	3,630	4,350	5,189	5,269	11,975	11,553	18,108
3. Fees a) Tuition	3,936	4,419	5,138	5,560	5,238	5,531	6,448	7,420	9,852	9,597	11,223
b) Miscellaneous	44	46	51	104	105	116	123	182	235	238	271
Total ($000)	3,980	4,465	5,189	5,664	5,343	5,647	6,571	7,602	10,087	9,835	11,494
4. Total Operating Income ($000)	32,819	42,815	49,256	59,581	58,205	63,007	69,542	73,641	83,471	85,693	88,670
5. Total Operating Expenditure ($000)	31,335	41,723	47,203	57,581	57,602	62,436	68,038	73,263	83,462	85,792	88,383
6. Enrolment											
a) Provincial Institutions											
i) Full-Time	7,095	7,364	7,817	8,078	7,267	7,338	7,959	8,925	9,006	8,162	9,361
ii) FTE of Part-Time	1,442	1,321	1,241	1,314	1,266	1,386	1,902	1,916	1,067	1,223	1,309
Total	8,537	8,685	9,058	9,392	8,533	8,724	9,861	10,841	10,073	9,385	10,670
b) Interprovincial Transfers											
i) Tranfers in	(14)	(20)	(26)	(29)	(31)	(33)	(40)	(37)	(38)	(38)	(39)
ii) Tranfers out	0	0	0	0	0	0	0	0	0	0	0
c) Net Total Enrolment	8,523	8,665	9,032	9,363	8,502	8,691	9,821	10,804	10,035	9,347	10,631
7. Gross Domestic Product ($m)	1,892.4	2,134.4	2,559.0	2,876.0	3,074.0	3,707.0	3,950.0	4,584.0	4,945.0	5,444.0	5,995.0
8. Provincial Personal Income ($m)	1,903.0	2,259.0	2,570.0	2,837.0	3,060.0	3,424.0	3,760.0	4,408.0	4,899.0	5,287.0	5,618.0
9. Provincial Population	546.0	554.8	561.9	567.6	572.5	564.5	567.2	567.4	573.5	578.5	578.9
10. Gross General (Government) Expenditure ($m)	791.7	985.4	1,073.3	1,106.4	1,242.1	1,501.4	1,636.9	1,701.1	1,973.4	2,233.5	2,264.6

Notes on Appendix B

British Columbia

Institutions included:

University of British Columbia, University of Victoria, Simon Fraser University, Notre Dame (1974-75 and 1975-76 only), university level courses of the Open Learning Institute (commencing in 1980-81) and the university transfer component of 10 colleges in 1974-75, 14 colleges from 1975-76 to 1980-81, and 15 colleges since 1981-82.

The method of determining dollar amounts for university transfer students from college totals from 1979-80 forward is based on a new financial reporting system for colleges. As restated figures are not available, dollar amounts prior to 1979-80 remain as previously reported.

Alberta

Institutions included:

University of Alberta, University of Calgary, University of Lethbridge, Athabasca University, the university transfer portion of Grande Prairie Regional College, Keyano College, Lakeland College, Medicine Hat College, Mount Royal College and Red Deer College, and 3 private colleges - Camrose Lutheran College, Canadian Union College and Concordia College.

Saskatchewan

Institutions included:

University of Regina, University of Saskatchewan, Campion College, Luther College, St. Thomas More College, Saskatchewan Indian Federated College and the degree credit portion of the following affiliated

colleges: Lutheran Theological Seminary, Western Christian College, Canadian Theological College, St. Peter's College, College of Emmanual and St. Chad, St. Joseph's College, St. Andrew's College, and Athol Murray College of Notre Dame.

Interprovincial transfers:

Interprovincial grants from British Columbia, Alberta and Manitoba for Veterinary Medicine training at the University of Saskatchewan are transferred from those provinces through the Government of Saskatchewan to the institution separately from its normal provincial operating grants. For the purpose of this study, these grants are included under "Provincial Institutional Grants". 50% of the cost of training Veterinary Medicine interprovincial transfer students from British Columbia, Alberta and Manitoba are covered by the province where the students originated and the other 50% is covered by the Government of Saskatchewan. Consequently, only 50% of the total Veterinary Medicine students supported by other provinces are accounted for as "Transfers in".

Manitoba

Institutions included:

University of Manitoba, St. Boniface College, University of Winnipeg and Brandon University.

Ontario

Institutions included:

Brock University, Carleton University, Guelph University, Lakehead University, Laurentian University (Huntington, Thorneloe, Sudbury, Algoma, Hearst, Nipissing), McMaster University (McMaster Divinity), University of Ottawa (St. Paul), Queen's University (Queen's Theological), University of Toronto (St.

Michael's, Regis, Trinity, Victoria, Knox, Wycliffe, St. Augustine's), Trent University, University of Waterloo (Conrad Grebel, St. Paul's, Renison, St. Jerome's), University of Western Ontario (Brescia, Huron, King's, St. Peter's Seminary), Wilfrid Laurier University (Waterloo Lutheran Seminary), University of Windsor, York University, Ontario Institute for Studies in Education, Dominican College, Ontario Teacher Education College, and the university-level portion of Ryerson Polytechnical Institute.

Interprovincial transfers:

Interprovincial grants from Alberta, Saskatchewan, Manitoba, New Brunswick and Prince Edward Island for Optometry training at the University of Waterloo are transferred from those provinces through the Government of Ontario to the institution through normal provincial operating grants. For the purpose of this study, these grants are included under "Provincial Institutional Grants". 50% of the cost of training interprovincial transfer students from Alberta, Manitoba, New Brunswick and Prince Edward Island are covered by the province where the students originated and the other 50% is covered by the Government of Ontario. Consequently, only 50% of the total Optometry students supported by other provinces are accounted for as "Transfers in".

Quebec

Institutions included:

Universities - Universite Laval, Universite du Montreal, Hautes Etudes Commerciales, Ecole Polytechnique, Universite de Sherbrooke, Universite du Quebec, McGill University, Bishop's University, Concordia University, and the final year of the university transfer program of the CEGEPs and private colleges.

New Brunswick

Institutions included:

Mount Allison University, St. Thomas University, Universite de Moncton, University of New Brunswick.

Nova Scotia

Institutions included:

Acadia University, Nova Scotia College of Art and Design, Dalhousie University, Mount Saint Vincent University, Universite Ste. - Anne, Technical University of Nova Scotia, St. Mary's University, St. Francis Xavier University, University College of Cape Breton, University of King's College, Atlantic School of Theology, Nova Scotia Teachers' College, Nova Scotia Agricultural College.

Prince Edward Island

Institutions included:

University of Prince Edward Island.

Newfoundland

Institutions included:

Memorial University of Newfoundland.